SS-V4

E Model

CARBOCON SPEAKER SYSTEM

SPECIFICATIONS

Speaker System:	Two-way speaker system Woofer: 30 cm (12 inches), cone type Tweeter: 4 cm (1⅝ inches), cone type (balanced-drive type)
Enclosure type:	Bass reflex Removable cloth grille
Finish:	Walnut-grained vinyl veneer on particle-board
Nominal Impedance:	6 Ω
Power Handling Capacity:	Nominal: 70W DIN 45500 Maximum: 140W DIN 45500
Sensitivity:	94 dB (1W, 1 m) 1.6W (96 dB, 1 m) DIN 45500
Frequency Response:	35 Hz – 20,000 Hz ($^{+4}_{-8}$ dB DIN)
Crossover Frequency:	1,500 Hz
Tweeter Level Control:	from +0 dB to -6 dB continuously adjustable
Volume:	54 liters
Dimensions:	Approx. 385 (w) x 650 (h) x 345 (d) mm 15⅛ (w) x 25½ (h) x 13½ (d) inches including front grille
Weight:	Approx. 18 kg, 39 lb 8 oz (net) 21.5 kg, 47 lb 5 oz (with shipping carton)

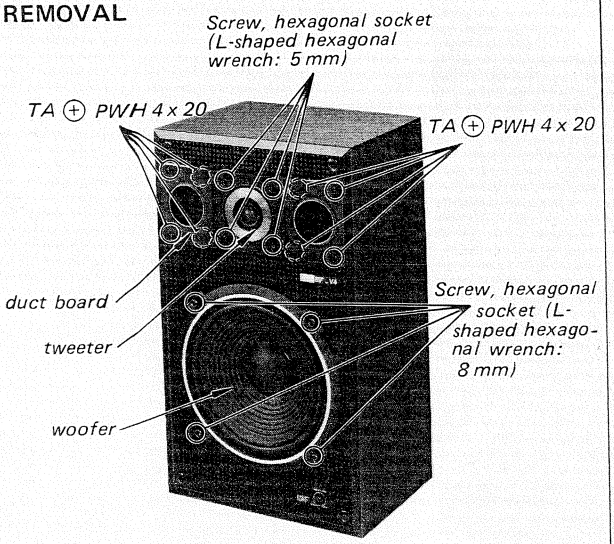
Note: Take care not to breake projection on the baffle board.

SONY®

SERVICE MANUAL

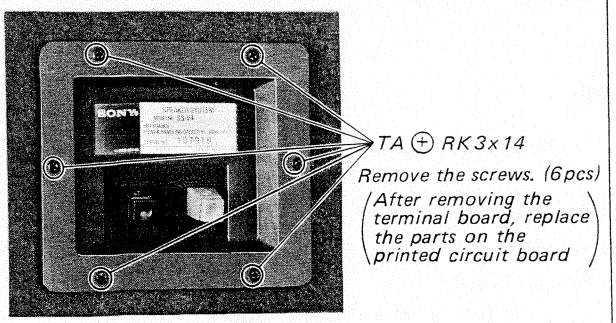
1. DISASSEMBLY

WOOFER, TWEETER AND DUCT BOARD REMOVAL

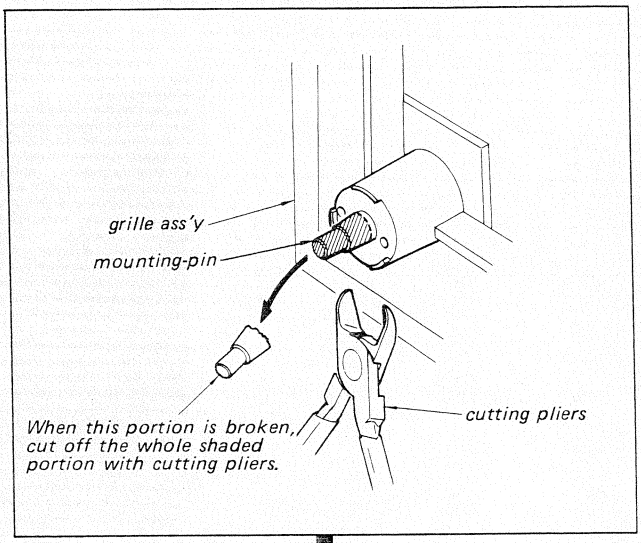

Screw, hexagonal socket (L-shaped hexagonal wrench: 5 mm)
TA ⊕ PWH 4 x 20
TA ⊕ PWH 4 x 20
duct board
tweeter
woofer
Screw, hexagonal socket (L-shaped hexagonal wrench: 8 mm)

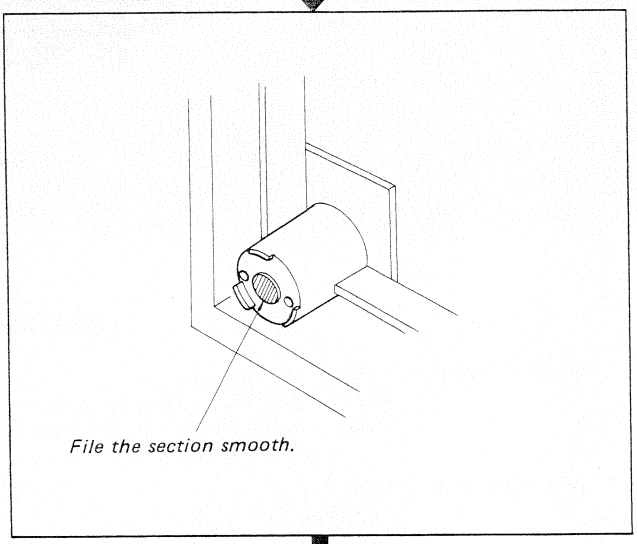
TERMINAL BOARD REMOVAL

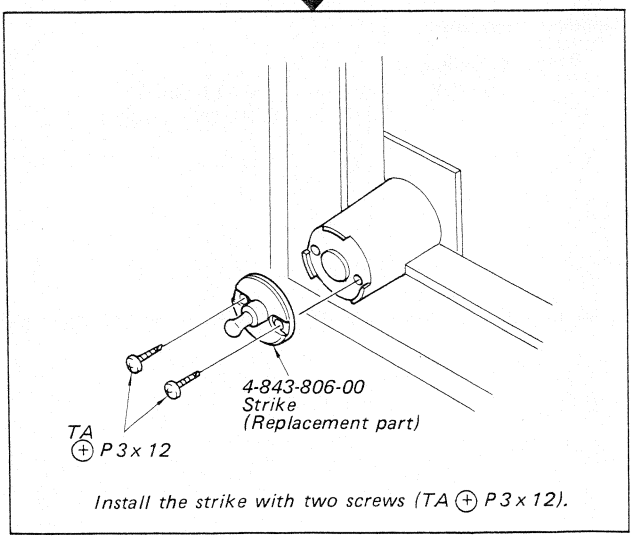
(Rear Side)



REPAIR FOR BROKEN MOUNTING–PINS


grille ass'y
mounting-pin
When this portion is broken, cut off the whole shaded portion with cutting pliers.
cutting pliers

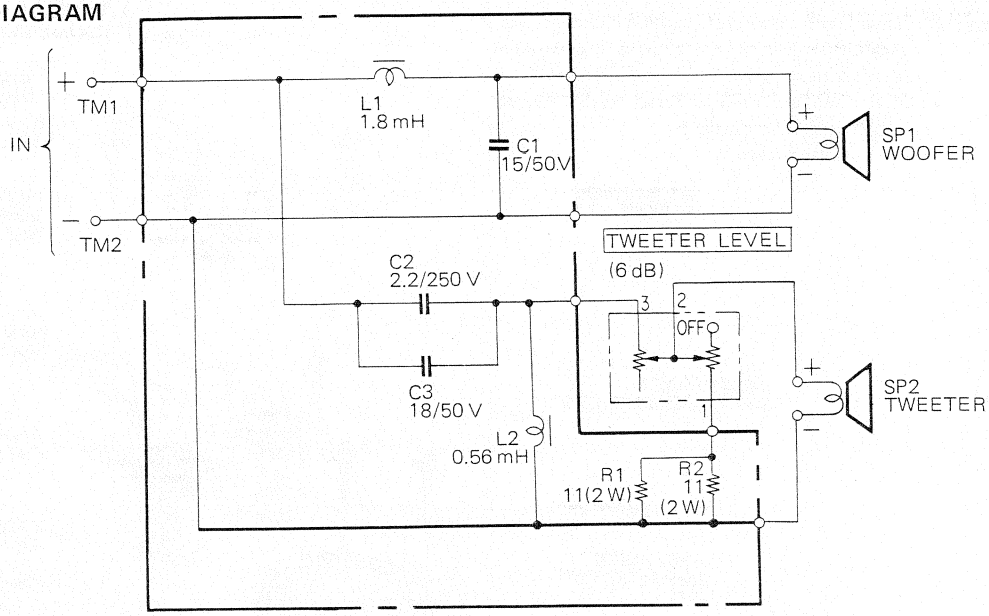




A B C D

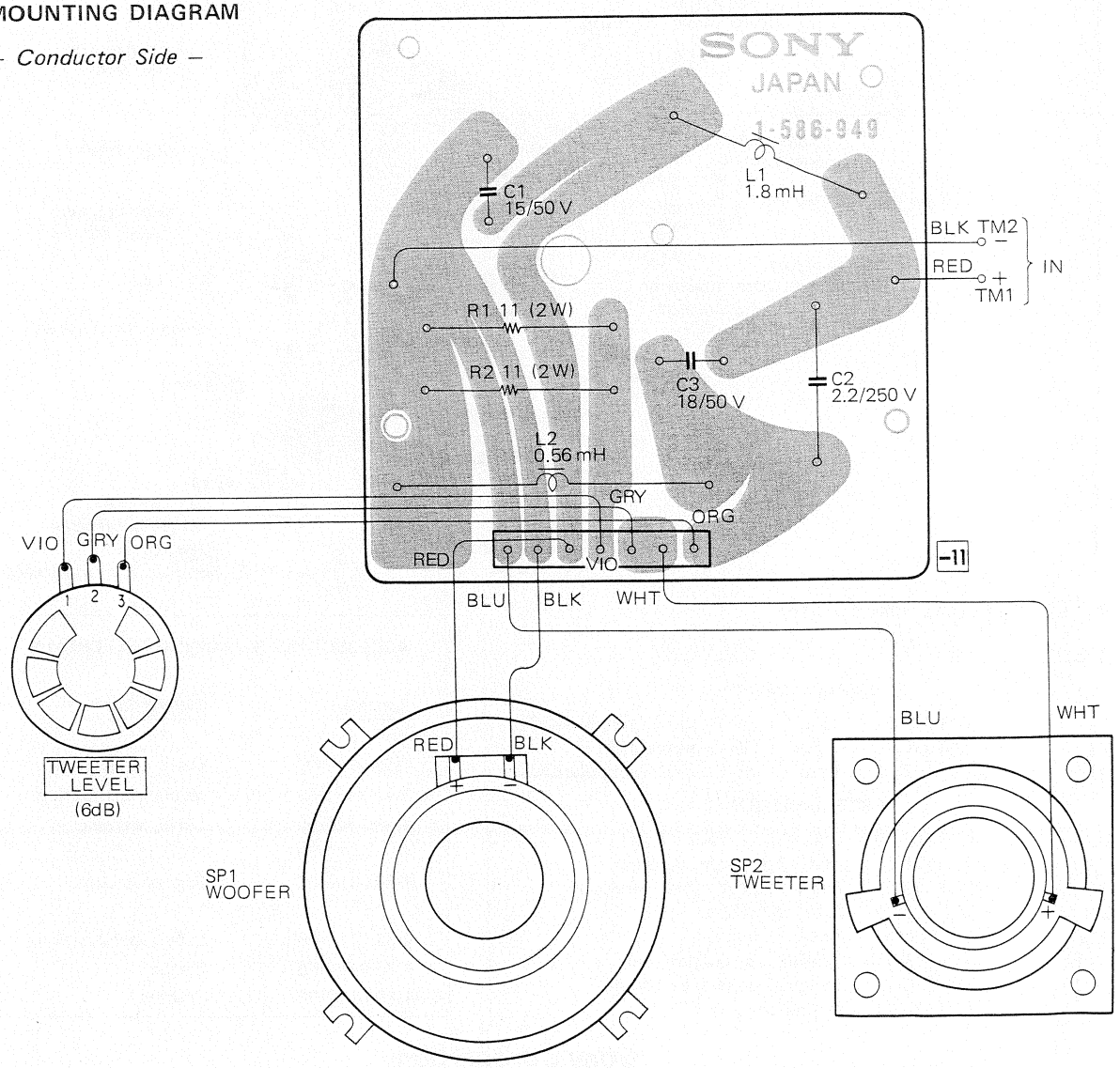
1 2 3 4 5

2. SCHEMATIC DIAGRAM



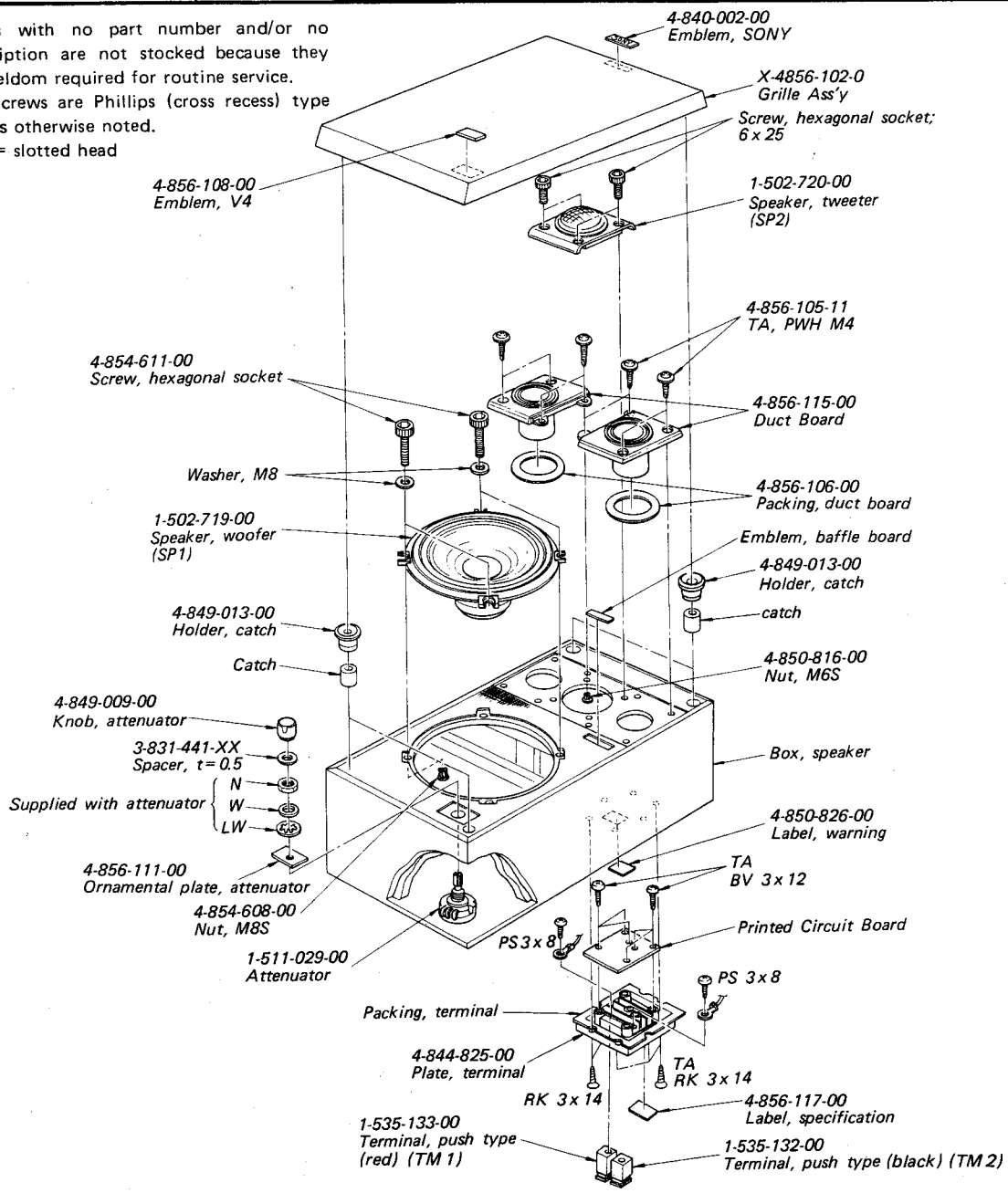
3. MOUNTING DIAGRAM

— Conductor Side —



4. EXPLODED VIEW

Note: • Items with no part number and/or no description are not stocked because they are seldom required for routine service.
• All screws are Phillips (cross recess) type unless otherwise noted.
(—) = slotted head



5. ELECTRICAL PARTS LIST

Ref. No.	Part No.	Description
	CAPACITORS	
C1	1-123-222-51	15 μF 50 V elect (nonpolarized)
C2	1-130-090-11	2.2 μF 250 V polyethylene
C3	1-123-223-51	18 μF 50 V elect (nonpolarized)
	MISCELLANEOUS	
L1	1-459-164-00	Coil, CHUS type, 1.8 mH
L2	1-459-171-11	Coil, CHLS type, 0.56 mH
R1, 2	1-210-573-11	Resistor, 11 Ω 2 W carbon
SP1	1-502-719-00	Speaker, woofer
SP2	1-502-720-00	Speaker, tweeter
TM1	1-535-133-00	Terminal, push type (red)
TM2	1-535-132-00	Terminal, push type (black)
	1-511-029-00	Attenuator

ACCESSORIES & PACKING MATERIALS

Part No.	Description
1-534-687-00	Cord, connection
3-770-451-51	Manual, instruction
4-850-826-00	Label, warning
4-854-622-00	Sheet, protector
4-856-103-00	Bag, protector
4-856-117-00	Label, specification
4-856-118-00	Carton
4-856-120-00	Cushion

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